

UNITED STATES COAST PILOT CORRECTIONS

COAST PILOT 7 37 Ed 2005 Change No. 24
LAST NM 32/05

Page 81—Paragraph 554, line 4; read:
nautical mile north of Alealea Point.

§80.1490 Apra Harbor, U.S. Territory of Guam.

A line drawn from the westernmost extremity of Orote Island to the westernmost extremity of Glass Breakwater.
(33 CFR 80) 35/05

Page 88—Paragraph 781, line 8; read:
point.

§110.129a Apra Harbor, Guam. (Datum: WGS 84)

(a) The waters bounded by a line connecting the following points:

13°27'45.5"N., 144°39'34.8"E

13°27'32.0"N., 144°39'36.3"E

and thence along the shoreline to the point of beginning.

(b) The waters bounded by a line connecting the following points:

13°26'53.6"N., 144°40'03.8"E

13°27'04.0"N., 144°40'04.8"E

13°27'04.0"N., 144°40'09.8"E

13°27'10.0"N., 144°40'09.8"E

13°27'10.0"N., 144°40'23.8"E

13°26'51.0"N., 144°40'23.8"E

13°26'51.0"N., 144°40'06.0"E

and thence to the point of beginning.

(33 CFR 110; FR 7/3/90) 35/05

Page 639—Paragraph 53; strike out.
(NOS/05; CL 843/05) 35/05

Page 641—Paragraph 75, line 8; read:
the configuration of the land.

Charts 81048, 81054

Guam (13°25'N., 144°44'E.), a U.S. territory since 1898, is not included in the Commonwealth of the Northern Marianas. The largest and southernmost island of the Marianas Archipelago, Guam is about 30 miles long and varies from 4 to 8 miles in width. The N end of the island is a plateau of rolling hills set on vertical cliffs rising to about 490 feet above sea level. The S end of the island consists of high volcanic hills. The plateau is covered with a thick growth of jungle; the volcanic hills support mainly sword grass. The highest hills are found in the central and S parts of the island.

Apra Harbor, situated midway along the W coast of Guam, is the main berthing facility on the island, consisting of a commercial harbor, a naval complex, and a repair facility. The harbor is comprised of two main areas; **Apra Inner Harbor** and **Apra Outer Harbor**. Apra Outer Harbor is the principal commercial port for the island. Apra Inner Harbor houses the U.S. Naval facility and a commercial ship repair facility. **Glass Breakwater** forms the N and NW sides of Apra Outer Harbor and acts as a barrier against most ocean

swells from the N and W. The seaward end of the breakwater is marked by a light. The harbor is extensive and safe, except during typhoon season. During this time, vessels should be prepared to get underway at short notice.

Prominent features

Orote Point, the W end of **Orote Peninsula**, is a sharp bluff about 210 feet high. **Orote Island** lies close off the N side of the point. **Orote Point Light** (13°26'47"N., 144°37'11"E.), 226 feet above the water is shown from a concrete tower on Orote Point. The light may be obscured by land features on a southern approach. A 200-foot radio tower is SW of Orote Point Light in about 13°26'45"N., 144°37'10"E.

COLREGS Demarcation Lines

The lines established for Apra Harbor are described in **80.1490**, chapter 2.

Anchorage

There are **naval, explosive, and general anchorages** that have been designated within Apra Outer Harbor. (See **33 CFR 110.1** and **110.238**, chapter 2, for limits and regulations.)

There are also **special anchorage areas** in Apra Outer Harbor. (See **33 CFR 110.1** and **110.129a**, chapter 2, for limits and regulations.)

Channels

The approaches to the harbor are free and deep, as is the channel between the breakwaters. The entrance to Apra Outer Harbor is marked by lights, lighted buoys, and a **083'** lighted range. The entrance to Apra Inner Harbor is marked by lighted buoys and a **141'** lighted range and a **176'** lighted range.

Regulated navigation areas

Regulated navigation areas have been established in the approach to and in Apra Outer Harbor. (See **33 CFR 165.1402** and **165.1405**, chapter 2, for limits and regulations.)

Safety zones and **security zones** have been established in Apra Outer Harbor. (See **33 CFR 165.1401** and **165.1404**, chapter 2, for limits and regulations.)

Apra Inner Harbor and an area just W of the entrance to the Inner Harbor are included in a **restricted area**. (See **33 CFR 334.1 through 334.6** and **334.1430**, chapter 2, for limits and regulations.)

Caution

The restricted area of a **Firing Danger Zone** extends offshore about 1 mile S of Orote Point and off the SW coast of the island. (See **33 CFR 334.1420**, chapter 2, for limits and regulations.) An acoustic range facility is S of the restricted area and a submarine operating area surrounds most of the island.

Tides

The mean tidal range at Apra Harbor is 1.6 feet, while the

spring range is 2.3 feet.

Currents

On the approach to Orote Point, the SW current associated with the Northeast Trades tends to curve to the S and SE. The rate of the current is greatly affected by the force of the wind. During the typhoon season, the outgoing current from the harbor augments the SW current and reduces any NE current that may occur. Strong rips may be observed under these conditions. The prevalent set of the current at the harbor entrance is usually S or SW regardless of the tidal currents, but a set to the N or NE may be experienced, especially during the summer months. The flood current in the harbor entrance sets N to NNE at a maximum rate of 1.5 knots. The ebb current sometimes attains a maximum rate of 3 knots. Slack water occurs 30 minutes before low water and 45 minutes before high water. Heavy W swells sometimes make the entrance of Apra Outer Harbor dangerous. This condition occurs when a typhoon builds up in the area, progresses to the NW, and then curves NE. Beacons and buoys are sometimes destroyed or carried away at such times. The currents and tidal currents within the harbor are weak and variable.

Pilotage

Pilotage is compulsory for vessels over 500 gross tons and all vessels entering the port for the first time and after daylight hours. Pilot services are available on a 24-hour basis for Apra Harbor. Pilots are required to board inbound vessels and leave outbound vessels at Alpha Hotel Pilot Station (13°26'52"N., 144°35'16"E.), about 2 miles W of Orote Point, to insure that the vessel is properly aligned on the entrance range; the station is unmarked.

Towage

Tugs to 3,200 hp are available in Apra Harbor.

Quarantine, customs, immigration, and agricultural quarantine

Apra Harbor is a customs and U.S. immigration port of entry. U.S. immigration regulations apply and are enforced by U.S. Customs and Border Protection; telephone 671-472-7138, fax 671-472-7139. U.S. Customs regulations are enforced by:

Department of Customs, Government of Guam
Customs and Quarantine Agency
PO Box 21828
GMF, Barrigada, Guam 96921
Telephone 671-475-6202

Coast Guard

The Coast Guard Communications Center is a full-service communications station. The center is monitored 24 hours and can be contacted on VHF-FM channel 16 or 9, call sign NRV. A Marine Safety Office is located on the U.S. Naval base and can also be contacted on VHF-FM channel 16 or 9 (24 hours); telephone 671-339-2001 during working hours.

Harbor Regulations

All operations in Apra Outer Harbor are under the jurisdiction of The Port Authority of Guam and The United States Coast Guard. Prior to entry all vessels must establish communications with Guam Port Control Harbormaster's office on VHF-FM channels 12, 13 or 16; call sign WRV-574. The phone number for Guam Port Control Harbormaster's Office is 671-477-8697.

All operations in Apra Inner Harbor are under the jurisdiction of the U.S. Navy Port Control Harbormaster's Office with communication on VHF-FM channels 14 and 16. The phone number is 671-339-6141.

Vessels entering, leaving or shifting berth are required to give a minimum of 24 hours notice to **The Port Authority of Guam Harbor Master** and **US Coast Guard Captain of the Port**. Failure to give such notice is a basis for denying entry. No vessel shall enter or leave the harbor without radio clearance from the Harbormaster. Vessels must be ISPS/MTSA compliant.

A tug boat (or tugs) shall be used by all commercial vessels, exceeding 250 feet in overall length entering, leaving, or operating within the harbor, except research vessels and vessels up to 300 feet in overall length equipped with an operational bow thruster. A fishing vessel's use of a skiff boat in lieu of a tug boat is permitted provided there is constant communication between the skiff operator and the vessel Master.

Speed is limited to no more than 12 knots in Outer Harbor and no more than 5 knots in Inner Harbor, except in emergency situations.

Wharves

The commercial port, situated on **Cabras Island**, handles general cargo, passengers, and inter-island transshipments. Three 30 to 40-ton gantry cranes, three hoists, and one 150-ton crane are available at the port. The Inner Harbor is under the jurisdiction of the Navy, but certain berths are available through the Port Authority upon special request.

Supplies

Apra Harbor is the principal supply center for the region. Water is available at most wharves. Bunker fuel is available at Golf Pier, Berths F-1 and F-3 and by tanker truck.

Repairs

Apra Harbor has a floating dry dock that can handle a maximum LOA of 700 feet. Guam Shipyard, PO Box 13010, Bldg. 20 Comnavmar, Santa Rita, Guam 96915-3010; telephone 671-339-1101 or 671-339-5258.

(CL 843/05; SD 126/02; NOS 81054)

35/05